## **INTERNATIONAL SEARCH REPORT**

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F04C18/356 F04C F04C29/08 F04C23/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F04C F01C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. P,X PATENT ABSTRACTS OF JAPAN 1,2, vol. 2003, no. 12, 11-13 5 December 2003 (2003-12-05) -& JP 2004 197640 A (DAIKIN IND LTD), 15 July 2004 (2004-07-15) abstract; figures 1,2,4 US 4 826 409 A (KOHAYAKAWA ET AL) X 1-5,7,8, 2 May 1989 (1989-05-02) Υ column 3, line 13 - column 4, line 56; 11,12 13 figures 1,2 X PATENT ABSTRACTS OF JAPAN 1-5,7,8vol. 015, no. 505 (M-1194) 10-12 20 December 1991 (1991-12-20) & JP 03 222884 A (MITSUBISHI ELECTRIC CORP), 1 October 1991 (1991-10-01) abstract . .. <del>-</del>/--Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents: 'T' later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance \*E\* earlier document but published on or after the international Invention filing date "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone \*L¹ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention \*O\* document referring to an oral disclosure, use, exhibition or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed in the art. '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 13 May 2005 24/05/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Descoubes, P

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